

PROGRAM COMPETENCY PROFILE FOR CAREER TECHNICAL EDUCATION

Career Cluster: Law, Public, Safety, Corrections & Security

Program Name: -Fire Protection, Other

CIP: 430299

Effective 9/2013

National Organization: National Career Cluster National Fire Protection Association

Competencies (statement that provides the overview and defines the instructional area) Student will:	Knowledge, Content and Skills (what a student needs to know and be able to do and upon which they will be assessed) Student will:	Common Core: College & Career Readiness Standards Student will:	Rating Scale -Sample Performance Assessments (Performance tasks the student needs to demonstrate in order to be rated proficient in meeting the competency) Student will:
Understand the fundamental concepts, processes and procedures of this industry in order to be successful in law, public safety and security fields.	1. Discuss proper use of the legal system		You are charged with a misdemeanor, describe to your peers what the procedures of law are (due process).
	2. Recognize the significance of law and its impact		You are a public defender, and you are assigned a case of armed robbery, the suspect has substantial evidence against him but no physical evidence. As the public defender, explain how you will convince the jury of your client's innocence.
Understand the role of ethics and social responsibility as it relates to decision making.	3. Evaluate the importance of jurisprudence		You are an attorney who has given a robbery case and know your client is guilty. Explain how you will successfully defend your client.
Understand the fundamental principles of the evolution of law enforcement in the United States.	4. Assess the evolution of public safety and security		You are asked to put on a 15 minute presentation on the evolution of policing to the academy of new police recruits.
	5. Compare and contrast traditional and modern policing , public safety, and security		You are asked to put on a 15 minute presentation on the evolution of policing to the academy of new police recruits.

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Understand the processes, functions, systems and the sources of the law in order to comprehend the structure of the court system and its relationship to law enforcement agencies.	6. Identify roles of an officer		After participating in a workshop/training pertaining to your selected field in law, public safety and security, you will present to your classmates the information you learned on the roles and responsibility of a public safety officer.
	7. Discuss and identify organization, structure, and roles of juvenile justice agencies		You have been asked by your supervisor to create a historical timeline of the various juvenile organizations including landmark Supreme Court decision that may have effected changes in the juvenile justice process of today. You will present this to your instructor by way of a poster board or PowerPoint.
	8. Identify three categories of juveniles within the court system and define their dispositions		View an organizational chart, and research categories of juveniles, their court involvement and define subsequent dispositions. Identify problems within the system and discuss these findings with classmates.
Understand the basic concepts of investigative theory, criminological theory, crime scene preservation, and methods of identifying, collecting, preserving, and processing evidence.	9. Evaluate criminological theories, including social, biological, and psychological		Research various criminals throughout history and classify them into the four criminological theories. You and your classmates will identify, analyze cases that exemplify the theory.

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	10. Explain basic skills related to forensic investigation		You and your partner are given a case to solve. You will conduct fingerprint comparisons, fiber and hair analysis, serology and evidence marking of the suspects, which will establish identity or non-identity. You will then process items of evidence, evaluate, search and conduct examinations. Share your findings with other classmates who will be in the role of investigators.				
Understand the history, the terminology, the organization/and operations and the role of a fire fighter within the fire service.	11. Discuss the history of the fire service, and describe the basic principles involved in the organization of the fire department. AAI 1. Planning: Explain the key elements of a long-term plan for a successful company. AAI 3. Finance: Explain the key components of financial management of a company.		<table border="1"><tr><td>1</td><td>2</td><td>3</td><td>4</td></tr></table> For Example: As a fire fighter 1 who have been tasked by your supervisor to give a tour of the fire department to a local community group. In planning for this tour you have made an outline that includes the following topics: the history of the fire service, mission statement, organizational structure the departments policies and regulations and the image a fire fighter must uphold. Cont. to #13,	1	2	3	4
	1	2	3	4			
12. Define the roles and responsibilities of a fire fighter 1 and the chain of command as it applies to a fire department. AAI. 2 Management: Discuss the different forms of management and ownership within this industry. AAI 6 Labor Issues: Explain the employee's and employers' rights and responsibilities in this industry.		<table border="1"><tr><td>1</td><td>2</td><td>3</td><td>4</td></tr></table>	1	2	3	4	
1	2	3	4				

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	<p>13. Describe the fire department's regulations, policies, and standard operating procedures, and explain how they apply to the fire fighter.</p> <p>AAI 7. Community Issues: Discuss the ways a company can impact its community and the ways a community can impact a company.</p> <p>AAI 8. Health, Safety, and Environment: Explain the health and safety laws and practices affecting the employee, the surrounding community, and the environment in this industry.</p>		<table border="1" style="width: 100%;"> <tr> <td style="width: 25%;">1</td><td style="width: 25%;">2</td><td style="width: 25%;">3</td><td style="width: 25%;">4</td></tr> </table>	1	2	3	4
1	2	3	4				
<p>Understand the principles and practices of safety as it relates to operation of equipment/ tools (PPE, SCBA, ropes/knots, ladders, hose/stream, nozzles) and safe operating practices used in the fire service.</p>	<p>14. Explain and demonstrate the methods of donning, doffing, maintaining and operating personal protective equipment (PPE).</p>		<table border="1" style="width: 100%;"> <tr> <td style="width: 25%;">1</td><td style="width: 25%;">2</td><td style="width: 25%;">3</td><td style="width: 25%;">4</td></tr> </table> <p>For Example: As a new fire fighter 1 you arrive at the scene. Your commander has directed you to enter the building using your complete assembly (protective gear). Scene is under control. You are back at the station and your supervisor has informed you he will be coming to inspect your gear. What do you need to do have it ready for the inspection and for the next incident? Con. to #15</p>	1	2	3	4
1	2	3	4				
	<p>15. Explain and demonstrate the use and operation of Self-Contained Breathing Apparatus (SCBA): and its safety, cleaning, refilling, and inspecting.</p>		<table border="1" style="width: 100%;"> <tr> <td style="width: 25%;">1</td><td style="width: 25%;">2</td><td style="width: 25%;">3</td><td style="width: 25%;">4</td></tr> </table>	1	2	3	4
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	16. Select and use ropes and demonstrate the eight essential knots used for securing, hoisting, and lowering personnel and equipment and describe how ropes are used in various rescue situations.		<table border="1"> <tr> <td>1</td><td>2</td><td>3</td><td>4</td></tr> </table> <p>For Example: As fire fighter candidate you arrive at the scene of a factory building on fire. You have to decide on the size of fire, how to deploy position, and secure the ladder, and lifting and lowering of equipment and crew. The scene is under control, you now need to return the equipment back to its state of readiness. You will debrief with your supervisor and the crew what went well during the emergency and what did not go well or what prevented them from responding in a more efficient manner. This quick review can reinforce positive practices and can provide a way to document changes that need to be made or systems errors that were uncovered The discussion will allow the responders to review key aspects of the emergency from all perspectives. Cont. to #17</p>	1	2	3	4
1	2	3	4				
	17. Demonstrate how to lift, carry, position, raise, secure, climb, maintain and inspect fire service ladders.		<table border="1"> <tr> <td>1</td><td>2</td><td>3</td><td>4</td></tr> </table>	1	2	3	4
1	2	3	4				
	18. Describe the types of hose; methods of laying, carrying, and advancing, rolling and loading hose; and how to operate nozzles and tips for water fire streams and foam systems.		<table border="1"> <tr> <td>1</td><td>2</td><td>3</td><td>4</td></tr> </table> <p>For Example: As a fire fighter 1 you arrive on the scene and you must establish water supply and select proper equipment to properly extinguish the given fire incident (interior, exterior, exposures). You will complete an incident report. Cont. to #23</p>	1	2	3	4
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	19. Become familiar with the operation of fire hydrants and the assembly equipment for establishing a water supply from both a static source and a pressure source.		<table border="1"> <tr> <td>1</td><td>2</td><td>3</td><td>4</td></tr> </table>	1	2	3	4
1	2	3	4				
	20. Based on the size and type of fire, select and operate portable fire extinguishers (stored-pressure water-type, multipurpose dry chemical, etc.) within structures, passenger vehicles, and large trash containers.		<table border="1"> <tr> <td>1</td><td>2</td><td>3</td><td>4</td></tr> </table>	1	2	3	4
1	2	3	4				
	21. Deploy and operate a master stream device to be used for direct fire attack or indirect exposure protection.						
	22. Discuss the automatic fire sprinkler systems and the different types of sprinkler heads and the methods of sprinkler head activation.						
	23. Demonstrate in connecting to the FD Connection of a sprinkler system and operating control valves, as well as stopping the flow of water from an activated sprinkler head.						

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	24. Demonstrate the ability to: -Transport ventilation equipment; -Perform horizontal, vertical, mechanical, positive pressure and negative pressure ventilation, hydraulic -Follow safety precautions related to ventilation, including identifying indicators of roof collapse and preventing backdraft and flashover.	.	<table border="1" style="display: inline-table; vertical-align: top;"> <tr> <td style="width: 20px; text-align: center;">1</td> <td style="width: 20px; text-align: center;">2</td> <td style="width: 20px; text-align: center;">3</td> <td style="width: 20px; text-align: center;">4</td> </tr> </table> <p>For Example: The trainer has presented your group with several video scenarios. Your group is assigned to evaluate all aspects related to ventilation. You will report to the class the proper ventilation equipment needed to perform multiple ventilation tasks, depending on the specific scenario situation.</p>	1	2	3	4
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<p>Understand how to safely and efficiently respond to an emergency scene and be able to size-up the situation in order to make sound and safe decisions</p>	<p>25. Describe a Fire Fighter 1's role in ensuring safe and efficient response to an emergency scene, and describe size-up.</p>		<table border="1"> <tr> <td>1</td><td>2</td><td>3</td><td>4</td></tr> </table> <p>For Example: As the acting chief, you arrive, on-scene in a residential neighborhood and observe fire in the upper second floor of a 1-1/2 story wood frame. You drive past the front and take in a good view of the Bravo, Alpha and Delta sides of the structure. You establish command in the driveway of a house across the street that gives you a good view of the occupancy. Two Engine Companies are enroute, along with a truck company, ems unit and a Rescue company. Mutual aid has also been dispatched, that will give you two additional engines and another manpower squad company. The first-due engine is about four minutes out. The street has ample hydrants at both ends and mid points. The house is midway down the street, with access from both directions. In your report address the following: What is your command risk assessment and size-up of the structure, occupancy and present fire conditions? What will you transmit in your initial communications upon arrival? What kind of information must be transmitted by a first-arriving company of command officer and why? What's your initial incident action plan (IAP) and strategy? What are the sequences of primary tactical objectives that must be implemented in a timely manner? What do you know about this type of structure and occupancy, how will the building behave; how will the fire behave? What is the Ten Minute milestone; what do you expect to be doing or have happen after ten minutes have elapsed after your arrival? Cont. to # 26, 69-74</p>	1	2	3	4
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	26. Demonstrate mounting and dismounting of an emergency vehicle with needed tools and equipment.		<table><tr><td>1</td><td>2</td><td>3</td><td>4</td></tr></table>	1	2	3	4
1	2	3	4				
	27. Explain the procedures and purpose of shutting off utilities (gas, water, etc.)		<table><tr><td>1</td><td>2</td><td>3</td><td>4</td></tr></table>	1	2	3	4
1	2	3	4				
Understand the types of searches, how searches are conducted, and various rescue techniques.	28. Demonstrate a primary and secondary search.		<table><tr><td>1</td><td>2</td><td>3</td><td>4</td></tr></table> <p>For Example: As a fire fighter candidate you have been given the task to review procedures for conducting search and rescue operations. You need to present to your team the factors that must be considered when determining the location(s) of a primary and secondary search. What areas of a building are searched first, what incident factors may help in determining a direction or location to begin search, role of thermal imaging in primary and secondary search, and the proper rescuing techniques in order to remove the trapped occupants? Cont. to # 19</p>	1	2	3	4
	1	2	3	4			
29. Demonstrate a webbing sling drag rescue and the use of over ground ladders.		<table><tr><td>1</td><td>2</td><td>3</td><td>4</td></tr></table>	1	2	3	4	
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Understand the processes, techniques, of using fire service communications in order to ensure personal safety, smooth operations and information reporting	30. Discuss and demonstrate procedure in receiving non- emergency and emergency calls, obtaining necessary information, initiating response and relaying information to the dispatch center.		<table><tr><td>1</td><td>2</td><td>3</td><td>4</td></tr></table> <p>For Example: A call comes in to the department and you are the one who responds to the call. You need to decide if this is a service or emergency call. You obtain the necessary information from the caller and decide it is not a routine service call. You properly dispatch it, and manage the incident communications. Cont. to #32</p>	1	2	3	4
	1	2	3	4			
	31 Discuss radio codes, emergency traffic, and incident reports. AAI 5. Underlying Principles of Technology: Explain through discussion the technological systems used within this industry.		<table><tr><td>1</td><td>2</td><td>3</td><td>4</td></tr></table>	1	2	3	4
1	2	3	4				
32. Discuss the importance of radio interoperability and demonstrate the use of radio channels in an emergency operation.		<table><tr><td>1</td><td>2</td><td>3</td><td>4</td></tr></table>	1	2	3	4	
1	2	3	4				
Understand fire behavior and the art of reading smoke in order to prevent loss of life	33. Explain the conditions for combustion to happen, chemistry of combustion and the mechanisms of heat transfer.		<table><tr><td>1</td><td>2</td><td>3</td><td>4</td></tr></table> <p>For Example: As a fire fighter 1 you arrive on the scene. You first size-up the smoke that is present in order to determine your courses of action. You evaluate the behavior of smoke, color of fire, volume, velocity, density and weigh other factors (weather, container, etc.) in order to perform the correct tactics/strategies to extinguish the fire. You will give a size- up report to the incident commander. Cont. to # 35</p>	1	2	3	4
1	2	3	4				

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	34. Describe the characteristics of liquid, gas fuel fires and interior structure fires.		<table><tr><td>1</td><td>2</td><td>3</td><td>4</td></tr></table>	1	2	3	4
1	2	3	4				
	35. Describe the process of reading smoke.		<table><tr><td>1</td><td>2</td><td>3</td><td>4</td></tr></table>	1	2	3	4
1	2	3	4				
Understand the effect of fire on the structural of a building in order to look for warning signs (collapse, spread of fire, etc.) and forcible entry for each construction	36. Describe the characteristics of various building components (foundations, ceilings, etc.), the five types of building construction, and how each type of structure reacts to fire.		<table><tr><td>1</td><td>2</td><td>3</td><td>4</td></tr></table> <p>For Example: As a new fire fighter 1 you are attending the weekly fire drill trainings. The instructor has given you eight photos to examine. Using the photos as a guide you and your classmate are to list and identify the building collapse indicators: structural features, different building construction etc. Discuss what your actions would be in order to gain access for each construction. Cont. to #37</p>	1	2	3	4
	1	2	3	4			
37. Describe the construction of typical doors, windows and walls and demonstrate forcible entry through each structure using a variety of tools.		<table><tr><td>1</td><td>2</td><td>3</td><td>4</td></tr></table>	1	2	3	4	
1	2	3	4				
Understand the components of a personnel accountability system, communications procedures, RIC and stress management process to ensure a safe rescue	38. Describe the procedures for : -personal accountability systems -communications -loss of air supply -describe safe havens, elements that create or indicate a hazard, and emergency evacuation methods		<table><tr><td>1</td><td>2</td><td>3</td><td>4</td></tr></table> <p>For Example: You have arrived at the scene and need to report to the accountability officer. The chief assigns the RIC crew to stage near incident commend and directs the RIC crew recuse a lost fire fighter. You must take into account communications, air supply, equipment, hazards and means of egress to have a safe rescue. You will give an incident report to the officer.</p>	1	2	3	4
1	2	3	4				

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Understand the purposes and practices of salvage and overhaul in order to prevent unnecessary property damage and fire is completely extinguished	39. Demonstrate the correct use of salvage covers, ventilation and other equipment in protecting property from smoke and water.		<table><tr><td>1</td><td>2</td><td>3</td><td>4</td></tr></table> <p>For Example: You and your crew been tasked with the salvage and overhaul of a fire to a second floor bedroom. You need to select the proper tools and equipment to complete the assignment given and report to your commander on the incident. Cont. #40</p>	1	2	3	4
	1	2	3	4			
40. Demonstrate proper use of tools in exposing and extinguishing smoldering or hidden pockets of fire.		<table><tr><td>1</td><td>2</td><td>3</td><td>4</td></tr></table>	1	2	3	4	
1	2	3	4				
Understand the philosophy and the essential function of emergency incident rehabilitation in order for fire fighters to perform effectively	41. Define emergency incident rehabilitation and describe its place in the overall emergency effort, including the factors, cause, and need for rehabilitation		<table><tr><td>1</td><td>2</td><td>3</td><td>4</td></tr></table> <p>For Example: You have been assigned by your incident commander to establish rehab sector. You need to report to your company the process the supplies needed and personal responsibilities related to rehab. Cont. # 43</p>	1	2	3	4
	1	2	3	4			
	42. Explain the seven functions of emergency incident rehabilitation and the four components of revitalization.		<table><tr><td>1</td><td>2</td><td>3</td><td>4</td></tr></table>	1	2	3	4
1	2	3	4				
43. Describe the personal responsibilities related to emergency incident rehabilitation		<table><tr><td>1</td><td>2</td><td>3</td><td>4</td></tr></table>	1	2	3	4	
1	2	3	4				
Understand the principles of wildland firefighting in order to ensure safe operations at wildland fire scene	44. Demonstrate proper use of tools and equipment in combating wildland fires. AAI 4. Technical and Production Skills: Identify specific production and technical skills required for this industry.		<table><tr><td>1</td><td>2</td><td>3</td><td>4</td></tr></table> <p>For Example: Your crew is deployed to wildland fire in CA. Your crew has to cut a fireline ahead of an active fire. You need to select the proper equipment execute the proper techniques and personal safety. The incident command advises your crew that the fire has changed direction and heading towards you. You need to deploy your fire shelter. Cont. to # 46</p>	1	2	3	4
1	2	3	4				

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	45. Demonstrate how to suppress a ground fire and deploy a fire shelter.		<table><tr><td>1</td><td>2</td><td>3</td><td>4</td></tr></table>	1	2	3	4
1	2	3	4				
	46. Recognize the importance of weather conditions on wildland fires and the personal safety of wildland firefighting		<table><tr><td>1</td><td>2</td><td>3</td><td>4</td></tr></table>	1	2	3	4
1	2	3	4				
Understand the procedures, techniques and concepts of Emergency Medical Care to provide appropriate treatment: - Pharmacology - Respiratory and Cardiovascular - Environmental	47. Recognize the nature and seriousness of the patient's condition or extent of injuries to assess requirements for emergency medical care.		<table><tr><td>1</td><td>2</td><td>3</td><td>4</td></tr></table> <p>For Example: As a basic EMT you arrive on the scene. You have dispatched to a motor vehicle collision where you find a 32 year old man with extensive trauma to be face and gurgling in his air way. He is responsive only to pain. You also note that the windshield is spider-webbed and there is deformity to the steering wheel. He is not wearing a sit belt. How do manage this patient? What clues tell you the transport status? Cont. to #48, 49, 54, 55, 56,</p>	1	2	3	4
	1	2	3	4			
	48. Administer appropriate emergency medical care based on assessment finding of the patient's condition.		<table><tr><td>1</td><td>2</td><td>3</td><td>4</td></tr></table>	1	2	3	4
1	2	3	4				
49. Recognize the signs and symptoms of altered level of consciousness, and the emergency medical care of a patient with signs and symptoms of altered mental status.		<table><tr><td>1</td><td>2</td><td>3</td><td>4</td></tr></table>	1	2	3	4	
1	2	3	4				

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	50. Recognize the signs and symptoms of an allergic reaction, and how to assist the patient with a prescribed epinephrine auto-injector (stings, bites).		<table border="1" style="display: inline-table; vertical-align: top;"> <tr> <td>1</td><td>2</td><td>3</td><td>4</td></tr> </table> <p>For Example: You are dispatched to assist a 9 year old child who was climbing a tree and apparently disturbed a wasp nest. When you arrive, the child is lying under the tree and the nest is on the ground next to the child. How would you manage this patient? The mother arrives with auto-injector for her child. What procedures and protocols must be performed depending on state /local protocols? A discussion will occur.</p>	1	2	3	4
1	2	3	4				
	51. Recognize the signs and symptoms of poisoning and overdose and how to perform the administration of activated charcoal.		<table border="1" style="display: inline-table; vertical-align: top;"> <tr> <td>1</td><td>2</td><td>3</td><td>4</td></tr> </table> <p>For Example: You have been dispatched to a possible suicide attempt situation of a 25 year old woman who is responsive, agitated and supine on her bed. There is an empty pill bottle on the nightstand. Based upon the prescription written you contact med- control who advises you to administer activated charcoal. What steps do you need to take in administering the activated charcoal?</p>	1	2	3	4
1	2	3	4				
	52. Recognize the signs and symptoms of heat and cold exposure.		<table border="1" style="display: inline-table; vertical-align: top;"> <tr> <td>1</td><td>2</td><td>3</td><td>4</td></tr> </table> <p>For Example: As a basic EMT training the instructor presents to you several scenarios relating to the different signs and symptoms exposures of heat & cold. You will share your assessment with your peer.</p>	1	2	3	4
1	2	3	4				

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	53. Recognize the signs and symptoms of cardiovascular disease.		<table border="1"><tr><td>1</td><td>2</td><td>3</td><td>4</td></tr></table> For Example: You are displaced to the residence of a 46 year old man complaining of chest pain. He states that it feels like somebody is standing on his chest. He sat down when it started and took a nitroglycerin tablet. He is still feeling nauseated and sweaty, but feels better. He is anxious. How would you best manage this patient	1	2	3	4
1	2	3	4				
Understand the procedures and techniques in Vehicle Rescue and Extrication in order to select the appropriate treatment direction	54. Discuss and know the different types of emergency medical situations that require extrication, rescue and evacuation.		<table border="1"><tr><td>1</td><td>2</td><td>3</td><td>4</td></tr></table>	1	2	3	4
	1	2	3	4			
	55. Identify and recognize the injuries resulting from a traumatic vehicular event.		<table border="1"><tr><td>1</td><td>2</td><td>3</td><td>4</td></tr></table>	1	2	3	4
1	2	3	4				
56. Demonstrate the appropriate treatment and select and operate equipment used in Vehicle Rescue and Extrication.		<table border="1"><tr><td>1</td><td>2</td><td>3</td><td>4</td></tr></table>	1	2	3	4	
1	2	3	4				
Understand Hazardous Materials in relation to personal safety	57. Recognize the presence of all forms of hazardous material, including chemical or biological agents.		<table border="1"><tr><td>1</td><td>2</td><td>3</td><td>4</td></tr></table> For Example: You have dispatched to a scene of a chemical spill. You need to assess and management the situation addressing crew and safety. Cont. to #59.	1	2	3	4
1	2	3	4				

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	58. Respond appropriately to rescue and or evacuation of a victim from a hazardous materials situation.		<table><tr><td>1</td><td>2</td><td>3</td><td>4</td></tr></table>	1	2	3	4
1	2	3	4				
Understand the role and scope of practice for EMT-Basic (EMT-B) personnel, ethical responsibilities, medicolegal directives and guidelines which are vital elements of the EMT-B's daily life.	59. Define the EMT-B's role and scope of practice.		<table><tr><td>1</td><td>2</td><td>3</td><td>4</td></tr></table> <p>For Example: You have arrived at the scene and the patient has given you information that you are told you cannot share. You have to decide what are the laws and regulations you must follow depending on the situation presented. Cont. to #60</p>	1	2	3	4
	1	2	3	4			
60. Explore the scope of practice, ethical responsibilities, advance directives, consent, refusals, abandonment, negligence, duty to act, confidentiality, and special situations, such as organ donors and crime scenes, that an EMT-B may encounter.		<table><tr><td>1</td><td>2</td><td>3</td><td>4</td></tr></table>	1	2	3	4	
1	2	3	4				
Understand the importance of meeting personal emotional needs and ensure personal safety.	61. Describe the emotional reactions that the EMT-B may experience when faced with trauma, illness, death and dying.		<table><tr><td>1</td><td>2</td><td>3</td><td>4</td></tr></table> <p>For Example: You arrive on scene with a male patient in the middle of the road who is not conscious and not breathing. The patient has multi injuries to head and legs. Witnesses report that the patient has been hit several times by oncoming vehicles. The patient is DOA. How do you prepare yourself for such calls? How do protect yourself emotionally, physically and mentally (stress)? Cont.to # 64</p>	1	2	3	4
1	2	3	4				

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	62. Explain the personal protective equipment necessary for each of the following situations: <ul style="list-style-type: none">• Hazardous materials• Rescue operations• Violent scenes• Crime scenes• Exposure to blood borne pathogens• Exposure to airborne pathogens		<table><tr><td>1</td><td>2</td><td>3</td><td>4</td></tr></table>	1	2	3	4
1	2	3	4				
	63. Demonstrate appropriate body mechanics when lifting and moving patients.		<table><tr><td>1</td><td>2</td><td>3</td><td>4</td></tr></table>	1	2	3	4
1	2	3	4				
Understand medical terminology as it relates to the body systems, anatomy, physiology and topographic anatomy.	64. Identify and locate topographic body areas.		<table><tr><td>1</td><td>2</td><td>3</td><td>4</td></tr></table> <p>For Example: You are attending an AP class and the instructor has asked you to create a chart of the human skeleton that includes the identification of the bones, organs, location and function. You will present this information to your classmates. Cont. to # 66</p>	1	2	3	4
	1	2	3	4			
65. Describe the anatomy and function of major body systems.		<table><tr><td>1</td><td>2</td><td>3</td><td>4</td></tr></table>	1	2	3	4	
1	2	3	4				
	66. Discuss and know the developmental and anatomical differences in infants and children.						

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Understand the concepts, procedures and equipment required for advanced procedures.	67. Describe and demonstrate the procedures for inserting and removing airways devices (types, sizes and placement)		<table border="1"> <tr> <td>1</td><td>2</td><td>3</td><td>4</td></tr> </table> <p>For Example: You have dispatched to a private residence for an unknown medical problem. The patient is an unresponsive male lying on the floor with snoring respirations. You must do an OPA. Your patient begins to gig. You now need to remove OPA and replace with NPA. You will complete an incident report for your supervisor.</p>	1	2	3	4
1	2	3	4				
Understand the importance of personal growth and leadership to enhance career success	68. Demonstrate personal growth, community leadership, democratic principles and social responsibility by participating in activities/events offered through student organizations.		<table border="1"> <tr> <td>1</td><td>2</td><td>3</td><td>4</td></tr> </table> <p>For Example: You have gone to your supervisor requesting a performance review do to the completion of additional trainings attended. The fact that you now have additional knowledge and skills, justifies why you should be promoted.</p>	1	2	3	4
1	2	3	4				
Understand the necessary employability skills in order to achieve success in today's workplace	69. Decision-Making & Problem-Solving: Demonstrate and apply good decision-making and problem-solving skills by outlining issues in situations/problems and determining, collecting, and organizing information needed in order to formulate a solution.		<table border="1"> <tr> <td>1</td><td>2</td><td>3</td><td>4</td></tr> </table> <p>For Example: You are assigned by your supervisor to do an inventory of the medical supplies and tasked with assembling the next supply order. You will research supply companies to seek the best prices in order to stay within budget total. You are to put this into a spreadsheet format and needs to be on the Squad Chief's desk in seven days. Cont. to # 74</p>	1	2	3	4
1	2	3	4				

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	70. Self –Management: Demonstrate and apply self-management skills by adhering to regulations, being responsible, and following through on commitments.		<table border="1" style="display: inline-table; vertical-align: top;"> <tr> <td style="width: 20px; text-align: center;">1</td> <td style="width: 20px; text-align: center;">2</td> <td style="width: 20px; text-align: center;">3</td> <td style="width: 20px; text-align: center;">4</td> </tr> </table> <p>For Example:</p>	1	2	3	4
1	2	3	4				
	71. Communication Skills: Demonstrate and apply effective communication skills: verbal, written, visual, and listening.		<table border="1" style="display: inline-table; vertical-align: top;"> <tr> <td style="width: 20px; text-align: center;">1</td> <td style="width: 20px; text-align: center;">2</td> <td style="width: 20px; text-align: center;">3</td> <td style="width: 20px; text-align: center;">4</td> </tr> </table> <p>For Example:</p>	1	2	3	4
1	2	3	4				
	72. Ability to Work with Others: Demonstrate and apply the necessary skills in order to work effectively with others. AAI 9. Personal Work Habits: Explain the work habits an employer looks for in an employee in this industry.		<table border="1" style="display: inline-table; vertical-align: top;"> <tr> <td style="width: 20px; text-align: center;">1</td> <td style="width: 20px; text-align: center;">2</td> <td style="width: 20px; text-align: center;">3</td> <td style="width: 20px; text-align: center;">4</td> </tr> </table> <p>For Example:</p>	1	2	3	4
1	2	3	4				
	73. Information Use - Research, Analysis, and Technology: Demonstrate and apply the use of information through research, analysis, and technology.		<table border="1" style="display: inline-table; vertical-align: top;"> <tr> <td style="width: 20px; text-align: center;">1</td> <td style="width: 20px; text-align: center;">2</td> <td style="width: 20px; text-align: center;">3</td> <td style="width: 20px; text-align: center;">4</td> </tr> </table> <p>For Example:</p>	1	2	3	4
1	2	3	4				
	74. Mathematical Concepts: Demonstrate mathematical and computation skills as applied to real world situations.		<table border="1" style="display: inline-table; vertical-align: top;"> <tr> <td style="width: 20px; text-align: center;">1</td> <td style="width: 20px; text-align: center;">2</td> <td style="width: 20px; text-align: center;">3</td> <td style="width: 20px; text-align: center;">4</td> </tr> </table> <p>For Example:</p>	1	2	3	4
1	2	3	4				

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	<p>75. General Safety: Demonstrate and apply safe practices and procedures in the workplace.</p> <p>AAI 8. Health, Safety, and Environment: Explain the health and safety laws and practices affecting the employee, the surrounding community, and the environment in this industry.</p>		<table border="1" style="display: inline-table;"> <tr> <td>1</td><td>2</td><td>3</td><td>4</td></tr> </table> <p>For Example: In your role as Squad leader you have just attended a meeting with the HR manager. He informed you that several minor accidents have happened recently in the station. He has asked you to hold a meeting with the first year candidates to review: identifying and reporting hazards and safety issues in the workplace, and to follow all procedures for controlling risks and dealing with emergencies.</p>	1	2	3	4
1	2	3	4				
	<p>76. Career Development: Demonstrate personal/career development skills by completing a career plan</p>		<table border="1" style="display: inline-table;"> <tr> <td>1</td><td>2</td><td>3</td><td>4</td></tr> </table> <p>For Example: You have decided you want to advance your career in your field and have met with a career advisor. He has instructed you to put a plan together that outlines educational and skill requirements, expected job growth, and salaries for that field.</p>	1	2	3	4
1	2	3	4				

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